

Further notes on the Grasses of the Malay Peninsula I.

by

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Study leave from the University of Singapore affording the opportunity, the author has been engaged at the herbarium of the Royal Botanic Gardens, Kew on further study of malayan grasses. The unrivalled collection of types and the fine library have brought to light the need for the changes indicated below. Compare the author's previous "Checklist of Malayan Grasses" Gard. Bull. Sing. 19 1, 147. 1962.

Acroceras tonkinense (Balansa) C. E. Hubb. ex Bor, Ind. For. Rec. (Bot.) 1, 3, 78, 1938. Ohwi in Bull. Nat. Sci. Mus. Tokyo. 6, 119, 1962.

Acroceras zizanioides (H.B.K.) Dandy sensu Gilliland, Gard. Bull. Sing. 19, 1, 148, 1962. *Neohusnotia tonkinense* (Balansa) A. Camus Flor. Gen. de l'Indo-Chine, 211, 1920.

Examination of the Indian material at Kew shows that our Malayan grass has been consistently misidentified. True *A. zizanioides* is a much softer grass with more flaccid leaves and a much stricter panicle with the spikelets more approximate, at once apparent when comparing specimens.

Bambusa montana (Ridley) Holttum in Kew Bull. 2 206, 1956; Gilliland l.c. 150.

B. klossii Ridley Flor. Mal. Pen. 5, 259. 1925. The type material is at Kew and is not specifically distinct. Extends the range to Kedah Peak.

Bothriochloa glabra (Roxb.) A. Camus in Ann. Soc. Linn. Lyon 1930 n.s. 76, 164. 1931; Bor, l.c. 167, 1960.

Andropogon glaber Roxb. Fl. Ind. 1, 271. 1820.

Specimens from Kedah, Selangor and Malacca.

Bothriochloa parviflora (R.Br.) Ohwi in Acta phytotax geobot. 11, 162, 1942.

Capillipedium parviflorum (R.Br.) Stapf; Bor, l.c. 112, 1960; Gilliland l.c. 152.

Bothriochloa grahamii (Haines) Bor, l.c. 107.

Based on a Singapore plant determined by de Wit.

Brachiaria miliiformis (Presl.) Chase in Contrib. U.S. Nat. Herb. 22: 35, 1920. Wycherley, Planters' Bull. 218, pl. 31. Nov. 1963.

Panicum miliiformis Presl. Rel. Haenk. **1**, 300 1830 ex Luzon. This has been recorded from Singapore.

Larger forms of this plant with 4 racemes approach closely to *B. subquadripa* (Trin.) Hitchcock cf. Ohwi l.c. 120, 1962.

Digitaria dispar Henrard in Blumea **1**: 97, 1934.

Digitaria bicornis (Lank) Roem. & Schultz. sensu Gilliland l.c. p. 157. *Paspalum heteranthum* Hk. f. non Link. nec Nees et Mayen, Ridl. Mat. 3, 136, 1907; *Digitaria barbata* Willd., Ridl. Flor. Mal. **5**, 215, 1925.

Digitaria fuscescens (Presl.) Henrard in Medel. Rijks Herb. **61**, 8, 1930. This is recorded from Singapore, Selangor, Pahang and Penang.

Digitaria timorensis (Kunth) Balansa Jour. de Bot. **4**: 138, 1890. This is similar to but more slender than *D. adscendens* (H.B.K.) Henr. and is widespread as a weed.

Digitaria violascens Link. Hort. Berol. **1**: 229, 1827. Specimens from Singapore, Selangor, Perak and Penang.

Hymenachne acutigluma (Steud.) Gilliland comb. nov!

Panicum acutiglumum Steud. Syn. Pl. Gram. 66; 1854. The type Cumings 2287 which is preserved in the Hooker Herbarium at Kew, is from Malacca.

= *Hymenachne pseudo-interrupta* C. Mueller in Bot. Zeit. **19**: 333, 1861. Gilliland l.c. 163, 1962. Based on Griffiths 6471 collected in Malacca.

Isachne globosa (Thunb.) O. Ktze.

Panicum adstans Steud. Syn. Pl. Gram. 94 w. 771, 1854 based on Cuming 2288 Malacca preserved in the Hooker Herbarium at Kew is this grass.

Panicum walense Mez. in Bot. Jahr. **34**: 146, 1904.

Panicum austro-asiaticum Ohwi; Gilliland, l.c. 170, 1962.

Panicum notatum Retz. Obs. Bot. **4**: 18. 1786.

Panicum montanum Roxb.; Gilliland et al. l.c. 170, 1962.

Panicum humidorum Buch.-Ham. ex Hk. f. Fl. Brit. Ind. **7**: 53, 1896.

Panicum perakense (Hk. f.) Merr.; Gilliland et al. l.c. 711, 1962.

Panicum sarmentosum Roxb.

Panicum concinnum Nees in Jour. Bot. **97**, 1850 based on Cumings 2284 from Malacca is this species.

Sacciolepis indica (Linn.) Chase var. *turgida* (Ridl.) Gilliland stat. nov! This is a dwarf grass with a much shorter panicle — no longer than 2.5 cms., often much shorter — than *S. indica* var. *indica* and is a consistent member of short turf on Singapore island.

Sacciolepis turgida Ridl. Flor. Mal. **5**, 231, 1925. Lectotype Singapore, Tanglin, Ridley in Herb. Kew.